

**Product Registration**

Register online at [www.alcosense.com.au/warranty](http://www.alcosense.com.au/warranty) or complete this form and forward to

Andatech Corporation Pty Ltd  
PO Box 3038  
Nunawading VIC 3131  
Australia

Please affix stamp here

**Components**

**Contents:** Breathalyser, mouthpieces (x5), AA batteries (x2), hand strap and user's manual

**Specifications**

|                    |   |
|--------------------|---|
| Indication of %BAC | 0.00 to 0.40% BAC (normal mode)<br>"zero", "low" and "high" (fast mode) |
| Accuracy           | ±/ 0.01 at 0.05% BAC  |
| Warm-up Time       | Within 80 seconds   |
| Response Time      | Within 3-5 seconds  |
| Recycle Time       | 10 seconds  |
| Mouthpiece         | 5 mouthpieces supplied  |
| Sensor Type        | Semiconductor sensor  |
| Power Supply       | 2 x AA alkaline batteries   |
| Weight             | 105g including batteries  |
| Dimensions (mm)    | 137 high x 73 wide x 44 deep  |
| Calibration        | Recommended every 6 months or 200 tests                                 |

**Limits**

**AUSTRALIAN BLOOD ALCOHOL LIMITS:** Adult License 0.05%  
Some drivers are restricted to lower levels of BAC. Please refer to your local transport authority for your correct limit. If in any doubt do not drink and drive.  
The safest level when driving is none at all. Alcohol impairs your judgement and can make you drowsy or sleepy.

**Disclaimer**

PLEASE NOTE:

1. This product must be used in accordance with the instructions in this manual and – in particular – must not be allowed to get wet.
2. This product is intended to provide the user with an indication of alcohol on the breath. However, neither the manufacturer nor the supplier gives any warranty (express or implied) that the product can give any indication of blood alcohol level.
3. A person's BAC (Blood Alcohol Concentration) can only be accurately measured by the administration of a blood test. This product only measures breath alcohol content which, in turn, only gives an approximately indication of blood alcohol concentration.
4. In these circumstances the user of this product should not rely on the information provided thereby as an accurate indication of his blood alcohol concentration or of his level of intoxication or of his fitness to drive and in particular should not take any action in reliance on such information as the product can provide no more than an indication of alcohol on the breath.
5. If the user of this product makes any decision or takes any action based on the use of the product such decision or such action shall be at the sole risk of the user and neither the manufacturer nor the supplier assumes any responsibility for such decision or action. In particular, neither the manufacturer nor the supplier shall be in any way liable if the user of the product asserts that the product led him to believe that he was fit to operate a motor vehicle and is subsequently found not to be so fit.
6. This product is certified pursuant to Australian Standard AS 3547 as a type 2 hand held qualitative device.

**Warranty**

The manufacturer warrants for 3 years of the product to be free from defects in workmanship or material (excluding re-calibration) in normal service from the date of purchase. Manufacturer's obligation under this warranty is limited to replacing, adjusting or repairing the unit if returned along with proof of purchase. This warranty is void if the unit has been tampered with, damaged or abused in any way.

**AlcoSense® PRO**  
Professional Breathalyser

**User's Manual**

**Fast Mode Operation**

Test will be quicker and more convenient for mass testing, but results will be given in BAC ranges, rather than a numerical reading.

**Step 1:** Press and hold the Power Switch.

**Step 2:** Release the Power Switch when displaying **F5** and wait while the unit counts down from **23** to warmup.

**Step 3:** The unit will beep twice and display **F5** to indicate fast mode operation and it is ready for you to start.

**Step 4:** Begin blowing into the unit for at about 1-2 seconds until the unit beeps twice. You will see the unit displaying digit **D** moving left to right as it is analysing the sample.

After analysis is complete, you will see the blood alcohol concentration BAC ranges results displayed. The result will be displayed for 1 second before it is ready for another test.

|          |                |
|----------|----------------|
| <b>D</b> | 0.00% to 0.01% |
| <b>L</b> | 0.02% to 0.04% |
| <b>H</b> | 0.05% and over |

**How to clean breathalyser mouthpieces**

**WHEN:** For personal use, the mouthpieces are reusable if cleaned properly. For hygiene reasons, replacement is recommended after every 3 months of use. To reorder, contact your retailer, or call us on 1300 800 200.

**HOW:**

1. Remove the mouthpiece from breathalyser.
2. Put the mouthpiece in boiling water for 2 minutes.
3. Wipe thoroughly and dry the mouthpiece before use.

**Recalibration & Service**

The Pro uses a sensor to measure blood alcohol levels. Depending upon the amount of alcohol registered by the sensor after a period of time, it will require re-calibration. If the Pro is for personal use, the manufacturer recommends this is done every 6 months (of up to 200 uses) although it may be required more or less frequently depending upon the amount of alcohol registered by the sensor. If the Pro is not calibrated, the unit will start to produce significantly higher results than expected. For recalibration and technical support, please contact us at 1300 800 200 or visit [www.alcosense.com.au](http://www.alcosense.com.au).

**Warnings**

- a. Allow at least 20 minutes after eating or drinking before testing. Any type of alcohol remaining in the mouth or saliva may interfere with proper testing and requires about 20 minutes to disperse. This includes alcohol-based mouthwash or similar products.
- b. Avoid testing in high wind conditions or in poorly ventilated or enclosed spaces. Poor ventilation may also lengthen the time required for warm up between tests.
- c. Do not blow smoke, saliva or other contaminants into the mouthpiece, as the sensor may become damaged. Wait at least 20 minutes after smoking before conducting a test.
- d. Do not use the Pro breathalyser as a tool to drink and drive.
- e. Do not blow fluid into the instrument as it will damage the sensor and void your warranty.
- f. Do not store in an extreme environment where high temperature or high humidity exists. Keep out of the reach of children.
- g. To maintain accuracy, we recommend professional recalibration every 6 months.
- h. Blood alcohol concentration can continue to rise for up to 2 hours after the cessation of drinking. If a caution result or a result is close to the designated BAC, it is recommended to wait and retest after 20 minutes.
- i. It can take 10 hours or more for the alcohol level to return to a zero after a high blood alcohol level has been reached. A further test should be carried out later in the day of the following morning.
- j. WARNING DISPLAY - FLO: If you see **F10** in the display, the breath sample was not strong enough for measurement. Please power up the unit again and make sure the breath is strong and steady during sampling.
- k. WARNING DISPLAY - CAL: If you see **CAL** in the display, the unit requires recalibration or maintenance. Please head to [www.alcosense.com.au/calibrate](http://www.alcosense.com.au/calibrate) to book it in, or call 1300 800 200.
- l. WARNING DISPLAY - BAT: If you see **BAT** in the display, the unit is indicating that battery power is low. Please replace the batteries. Remove the battery cover at the bottom of the unit and replace the old batteries with two new 1.5V AA batteries. Make sure to properly align the batteries by looking at the +/- marks.
- m. User-serviceable batteries safety:
  - Do not dispose of batteries in a fire.
  - Do not recharge a battery unless it is specifically marked "rechargeable".
  - Do not expose the AlcoSense Pro or batteries to heat source.
  - Do not mix old and new batteries, or mix different types or makes of batteries.
  - Do not allow children to play with the batteries.